

Texas Education Agency Standard Application System (SAS)

2018–2019 Technology Lending		
Program authority:	General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 th Texas Legislature; Texas Education Code Section 32.301	FOR TEA USE ONLY <small>Write NQGA ID here:</small> <div style="border: 1px solid black; padding: 5px; transform: rotate(-90deg); transform-origin: center;"> RECEIVED TEAS EDUCATION AGENCY FEB 6 AM 11:13 DOCUMENT CONTROL CENTER </div>
Grant Period:	May 1, 2018, to August 31, 2019	
Application deadline:	5:00 p.m. Central Time, February 6, 2018	
Submittal information:	Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address: <div style="text-align: center;"> Document Control Center, Grants Administration Division Texas Education Agency, 1701 North Congress Ave. Austin, TX 78701-1494 </div>	
Contact information:	Kathy Ferguson: techlending@tea.texas.gov; (512) 463-9087	

Schedule #1—General Information

Part 1: Applicant Information

Organization name	County-District #		Amendment #
Ferris ISD	070-905		
Vendor ID #	ESC Region #		
	10		
Mailing address	City	State	ZIP Code
301 E. 5 th Street	Ferris	TX	75125

Primary Contact

First name	M.I.	Last name	Title
Melinda	W	Domain	Assistant Superintendent
Telephone #	Email address		FAX #
972-544-3858	mddomain@ferrisisd.org		972-544-2784

Secondary Contact

First name	M.I.	Last name	Title
Brett		Browne	Director of Technology
Telephone #	Email address		FAX #
972-544-3858	bbrowne@ferrisisd.org		972-544-2784

Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official:

First name	M.I.	Last name	Title
Melinda	W	Domain	Assistant Superintendent
Telephone #	Email address		FAX #
972-544-3858	mddomain@ferrisisd.org		972-544-2784

Signature (blue ink preferred)

Date signed
February 5, 2018

Melinda W. Domain
Only the legally responsible party may sign this application.

701-18-103-158

Schedule #1—General Information

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	<input type="checkbox"/>
9	Supplies and Materials (6300)		<input type="checkbox"/>
10	Other Operating Costs (6400)		<input type="checkbox"/>
11	Capital Outlay (6600)		<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

***IMPORTANT NOTE FOR COMPETITIVE GRANTS:** Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, **the application will be disqualified.**

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>General and Fiscal Guidelines</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>program guidelines</u> for this grant.
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all <u>General Provisions and Assurances</u> requirements.
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <u>Debarment and Suspension Certification</u> requirements.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data

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Schedule #4—Request for Amendment

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail **or** by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Grants Administration Division, Texas Education Agency, 1701 N. Congress Ave., Austin, TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-9564.

The last day to submit an amendment to TEA is listed on the TEA Grant Opportunities page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend the Application" guidance posted in the Amendment Submission Guidance section of the Grants Administration Division Administering a Grant page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

			A	B	C	D
#	Schedule #	Class/ Object Code	Grand Total from Previously Approved Budget	Amount Deleted	Amount Added	New Grand Total
1.	Schedule #8: Contracted Services	6200	\$	\$	\$	\$
2.	Schedule #9: Supplies and Materials	6300	\$	\$	\$	\$
3.	Schedule #10: Other Operating Costs	6400	\$	\$	\$	\$
4.	Schedule #11: Capital Outlay	6600	\$	\$	\$	\$
5.	Total direct costs:		\$	\$	\$	\$
6.	Indirect cost (%):		\$	\$	\$	\$
7.	Total costs:		\$	\$	\$	\$

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Schedule #4—Request for Amendment (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	Schedule # Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Ferris High School; Ferris Junior High School.

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

Ferris ISD plans to provide Internet connectivity on the district's school buses. The district's high rate of economically disadvantaged students, many of whom lack Internet access at home, necessitates the provision of said access during students' bus commute. This would facilitate the extended use of the 1:1 program recently instituted across the district, and allow junior high and high school students who take school-provided devices home the ability to research, study, collaborate, and complete school assignments outside the classroom. Receipt of grant funds would assist the district in achieving its goal of extending instruction beyond the classroom.

The budget for this grant application was developed by looking at the district's need and aligning it to the financial encumbrance required to implement it effectively. This included research and the seeking of budgetary quotes for the hardware and services required to enable the goals of this grant. The demographics of the district, being preponderantly skewed toward economically disadvantaged students, dictate the district's need to provide Internet access where it may be limited or, in some cases, completely lacking. This is in accordance with the district's stated goal of increasing the reach of its instruction by way of technological means.

District- and campus-level Site-Based Decision-making Committees facilitate the needs assessment process and include administrators, teachers, parents, and business and community members. In the spring of each year, SBDM committees begin to evaluate the current year's CIP/DIP. Evaluation of current CIP/DIP is based on the Evidence of Implementation and Evidence of Impact listed in each campus and district plan. Additional data, such as demographics; staffing; and current year student data such as benchmark scores, grades, missing assignments, attendance rates; etc. are reviewed and used as the foundation for developing the needs assessment for the coming year. In the area of technological considerations, the district's Technology Committee, headed by the Technology Director, carries this responsibility. These committees also determine the efficacy of the process and present recommendations to the Assistant Superintendent for changes to the process.

The management plan will be overseen by the Directors of Technology, Curriculum, and Finance, as well as the Technology Integration Specialist and Assistant Superintendent. The Technology Director will assess, at least quarterly, the use of technology outlined in this application and will monitor and maintain its functionality. The Technology Director will also ensure that access points installed on buses are configured so as to enable seamless transition from local campus network to mobile network. In case of technical difficulties, the Administrative Assistant will place a help desk ticket with the Technology Department. The Curriculum Director and Technology Integration Specialist will work closely with district instructional staff to ensure understanding of the technology's capabilities and of what they can expect from students in light of the added Internet access. The Finance Director and Assistant Superintendent will monitor expenditures and ensure compliance with all general and fiscal guidelines, assurances, and provisions of the grant.

The program will be evaluated by the grant committee, consisting of the staff members listed in the preceding paragraph, who will meet on a quarterly basis. The Technology Director will provide reports on student use of technology devices on buses (time, amount/type of data, etc.), and the Curriculum Director and Instructional Technology Specialist will collect teacher input regarding student use of 1:1 devices outside the classroom for completing assignments, research, etc. The Assistant Superintendent will provide reports comparing number of missing student assignments from the current quarter to the corresponding quarter in the previous year. All data will be presented and discussed in committee, and any possible adjustments that may improve the effectiveness of the program will be made. At the end of the grant period, the Finance Director will complete required financial documentation.

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Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Ferris ISD meets all Statutory Requirements for this grant program, including compliance with fingerprinting requirements under Section 22.0834 of the TEC. The district does not have existing equipment that serves the purpose outlined in this Executive Summary, and therefore no such equipment is currently available to students. Each student enrolled in Ferris HS and Ferris JH currently have district-owned Chromebooks issued to them at the beginning of each school year. Current local funding and IMA funds have been allocated for other resources, including digital instructional materials, and the district will not be able to implement this project without grant funding.

All TEA requirements for this grant have been met. The technology lending program described herein aligns with the district's mission and goals by increasing student access to digital resources and instructional materials outside the classroom, thereby increasing completion rates for assignments, research, etc., leading to increased student learning and performance on state assessments and college entrance exams. As described above, our intention is to provide Internet access to students on district buses, in an effort to increase access to digital resources outside the classroom for our students who do not have home Internet access. Ferris ISD's 1:1 initiative was put in place in an effort to extend learning and access to curriculum resources outside the classroom and the school day. This technology lending program will provide increased access to our students while riding district buses.

All of Ferris ISD's recent textbook adoptions are digital. Students must login to access their Math and Science textbook curriculum online. Also, many of our supplemental programs for intervention are web-based, such as Read 180, System 44, USA Test Prep, and Study Island, etc.

Technical support and infrastructure are adequate to support anticipated use of grant-funded devices. The Technology Director has experience with implementation and management of internal and external network connections and access, and is familiar with installation of network access devices and managing a CIPA-compliant content filter for on- and off-premises purposes. The mobile infrastructure will be tailored in such a way as to limit students' connectivity to applications and services that support district curriculum, preventing degradation of Internet access by extraneous services, and infrastructure will remain adequate to fulfill the devices' stated purpose. No check-out or check-in processes are required for this program as district buses will be equipped with hard-wired wifi access points. The Technology Director will oversee installation of access points on buses, and the Administrative Assistant for Transportation will ensure that equipped buses are utilized for the lengthiest routes and trips. Competing needs are not anticipated because the district has nine buses in addition to those used for daily routes. Buses that are used for daily routes operated for students living along dangerous routes within two miles of school and "spare" buses that are operated on an as-needed basis will not be equipped. Wifi equipment will be included in daily safety and equipment checks for each bus. Any malfunctions or damages will be reported to the Technology Director via help desk ticket, entered by the Administrative Assistant. The Technology Director will then make any needed repairs or adjustment.

As soon as devices are purchased and received, they will be tagged with FISD inventory control tags and added to the district's inventory list. The district's appraisal company will include these items with the annual inventory accounting, and the devices will be covered under the district's property insurance. Ferris ISD is committed to continuing beyond the termination of grant funding the provision of Internet access in some form for students who lack home access. Dependent upon the results of the program evaluation at the end of the grant term, the district will allocate state and local funds to the continuation of wifi services on district buses or to some other solution that will assist in meeting the needs of the district's students.

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Schedule #6—Program Budget Summary					
County-district number or vendor ID: 070-905			Amendment # (for amendments only):		
Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 th Texas Legislature; Texas Education Code Section, 32.301					
Grant period: May 1, 2018, to August 31, 2019			Fund code: 410		
Budget Summary					
Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	\$15,000	\$0	\$15,000
Schedule #9	Supplies and Materials (6300)	6300	\$35,000	\$0	\$35,000
Schedule #10	Other Operating Costs (6400)	6400	\$0	\$0	\$0
Schedule #11	Capital Outlay (6600)	6600	\$0	\$0	\$0
Total direct costs:			\$50,000	\$0	\$50,000
Percentage% <u>indirect costs</u> (see note):			N/A	\$0	\$0
Grand total of budgeted costs (add all entries in each column):			\$50,000	\$0	\$50,000
Administrative Cost Calculation					
Enter the total grant amount requested:					\$50,000
Percentage limit on administrative costs established for the program (15%):					× .15
Multiply and round down to the nearest whole dollar. Enter the result. This is the maximum amount allowable for administrative costs, including indirect costs:					\$7,500

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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Schedule #8—Professional and Contracted Services (6200)		
County-district number or vendor ID: 070-905		Amendment # (for amendments only):
NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.		
Professional and Contracted Services		
#	Description of Service and Purpose	Grant Amount Budgeted
1	N/A	\$0
2		\$
3		\$
4		\$
5		\$
6		\$
7		\$
8		\$
9		\$
10		\$
11		\$
12		\$
13		\$
14		\$
a. Subtotal of professional and contracted services:		\$0
b. Remaining 6200—Professional and contracted services that do not require specific approval:		\$0
(Sum of lines a and b) Grand total		\$0

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

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Schedule #9—Supplies and Materials (6300)		
County-District Number or Vendor ID: 070-905		Amendment number (for amendments only):
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
6300	Total supplies and materials that do not require specific approval:	\$35,000
Grand total:		\$35,000

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10—Other Operating Costs (6400)		
County-District Number or Vendor ID: 070-905		Amendment number (for amendments only):
Expense Item Description		Grant Amount Budgeted
6400	Operating costs that do not require specific approval:	\$0
Grand total:		\$0

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #11—Capital Outlay (6600)				
County-District Number or Vendor ID: 070-905			Amendment number (for amendments only):	
#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1	N/A	N/A	N/A	\$0
2			\$	\$
3			\$	\$
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
66XX—Software, capitalized				
11	N/A	N/A	N/A	\$0
12			\$	\$
13			\$	\$
14			\$	\$
15			\$	\$
16			\$	\$
17			\$	\$
66XX—Equipment, furniture, or vehicles				
18	N/A	N/A	N/A	\$0
19			\$	\$
20			\$	\$
21			\$	\$
22			\$	\$
23			\$	\$
24			\$	\$
25			\$	\$
26			\$	\$
27			\$	\$
Grand total:				\$0

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	1,078	80.75%	Percentage for FJH and FHS combined
Limited English proficient (LEP)	267	20.75%	Percentage for FJH and FHS combined
Disciplinary placements	8	0.6%	Percentage of FJH and FHS students in DAEP
Attendance rate	NA	96.7%	Percentage for FJH and FHS combined
Annual dropout rate (Gr 9-12)	NA	0.4%	FHS only

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type: ☒ Public ☐ Open-Enrollment Charter ☐ Private Nonprofit ☐ Private For Profit ☐ Public Institution

Students

PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
0	0	0	0	0	0	0	191	201	213	189	192	191	179	1356

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Schedule #13—Needs Assessment

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

District- and campus-level Site-Based Decision-making Committees facilitate the needs assessment process and include administrators, teachers, parents, and business and community members. In the spring of each year, SBDM committees begin to evaluate the current year's CIP/DIP. Evaluation of current CIP/DIP is based on the Evidence of Implementation and Evidence of Impact listed in each campus and district plan. Additional data, such as demographics; staffing; and current year student data such as benchmark scores, grades, missing assignments, attendance rates, etc. are reviewed and used as the foundation for developing the needs assessment for the coming year. In the area of technological considerations, the district's Technology Committee, headed by the Technology Director, carries this responsibility as well. The Technology Committee is scheduled to meet on a regular basis throughout each school year to assess the technology needs of the district. These committees also determine the efficacy of the process and present recommendations to the Assistant Superintendent and Technology Director for changes to the process.

Needs are prioritized based on the scope of impact across student populations, aiming to garner the greatest improvement in student learning for the greatest number of students. Consideration is given to state mandates and available resources.

Ferris Junior High and Ferris High School have been selected to receive the benefit of this grant based on district policy regarding 1:1 devices and which students are permitted to take home devices. Although students in grades 1-12 have district-owned devices issued to them individually, only students at FJH and FHS are permitted to take home their devices. Students from other campuses leave their devices in their classroom and therefore will not benefit from wifi access on district buses.

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Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	Ferris ISD is a rural district covering 80.28 square miles with no broadband services available in most areas where students reside. The limited Internet access that is available is extremely expensive and slow. With approximately 80% of our student population being economically disadvantaged the Internet is not affordable and therefore most students do not have access at home.	This program would provide free Internet access to junior high and high school students using their 1:1 devices for homework on the school bus.
2.	The vast majority of FISD students continue to qualify for classification as Economically-Disadvantaged, and 36% of secondary students ride district transportation each day. The district will need to continue seeking out opportunities to help families address social, emotional, and academic needs commonly demonstrated by students living in poverty.	Providing Internet access for students who ride the bus before and after school would assist by extending the learning opportunities for students by approximately 1.5 hours a day. Additionally, students who travel by district bus to out-of-town extracurricular events will have access to the Internet for the duration of the bus ride, which can sometimes last for up to 90 minutes one-way.
3.	Ferris ISD students lack the home internet access needed to utilize Google G Suite for Education, including a Gmail email, Google Docs, Google Slides and Google Classroom, which the district requires as a platform for daily learning.	Under the proposed program, students would be able to access Google Classroom content to review notes and slides presented by their teachers and would be able to complete homework assignments while traveling by district bus.
4.	Without Internet access, students have no ability to view instructional materials that are available only online, as are the majority of current FISD textbook adoptions. Students must login to textbook websites to access content digitally, and the lack of home internet access limits the time students have to do so.	Ferris ISD students who use school buses for transportation needs would be able to access the digital resources and materials available for their school work before and after school while riding the bus, thereby increasing the likelihood that assignments will be completed, leading to increased learning for students.
5.	Many of our students participate in extracurricular and co-curricular activities and travel out of town for events and competitions during the week and on the weekend. They often do not get home until late and have homework due the next day. The lack of home internet access prevents their ability to complete assignments upon returning from these events.	Internet on the school bus would make it possible for our students who participate in extracurricular and co-curricular activities to work on projects and assignments while traveling to and from events.

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Schedule #14—Management Plan

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	Technology Director	Experience in implementation and continued management of both internal and external network connections and network access. Familiarity with the installation of network access devices. Expertise in managing a CIPA-compliant content filter for both on- and off-premises purposes. Ability to access data regarding use of purchased technology devices.
2.	Curriculum Director	Experience with digital curriculum resources and lesson planning as they relate to district curriculum. Ability/availability to participate in lesson planning sessions on served campuses.
3.	Finance Director	Understanding of and experience with state and federal grants. Knowledge of generally accepted accounting practices and the ability to adhere to grant budget and timeline as well as all TEA and statutory fiscal requirements of the grant and district financial policies.
4.	Assistant Superintendent	Understanding of and experience with state and federal grants. Ability to ensure adherence to grant budget and timeline as well as all TEA and statutory requirements of the grant and district financial policies. Ability to access data needed to evaluate program and oversee completion of grant-related documentation such as compliance reporting and other required information.
5.	Instructional Technology Specialist	Experience with digital curriculum resources and lesson planning. Teacher certification and ability/availability to participate in lesson planning on served campuses. Provide digital resources and training on how to access them using district single sign-on program. Guide teachers in implementation of technology resources, including Google G Suite for Education, in daily lessons.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1.	Provide student access to the internet on district buses	1. RFP for devices and data services	05/01/2018	05/15/2018
		2. Vendor award	05/18/2018	05/18/2018
		3. Installation of devices on district buses	06/04/2018	08/17/2018
		4. Student usage of internet access points on buses	08/22/2018	05/30/2019
2.	Increase access to digital curriculum resources outside the classroom	1. Installation of devices on district buses	06/04/2018	08/17/2018
		2. Student usage of internet access points on buses	08/22/2018	05/30/2019
		3. Monitor student usage of access points	08/22/2018	05/30/2019
		4.	XX/XX/XXXX	XX/XX/XXXX
3.		1.	XX/XX/XXXX	XX/XX/XXXX
		2.	XX/XX/XXXX	XX/XX/XXXX
		3.	XX/XX/XXXX	XX/XX/XXXX
		4.	XX/XX/XXXX	XX/XX/XXXX
4.		1.	XX/XX/XXXX	XX/XX/XXXX
		2.	XX/XX/XXXX	XX/XX/XXXX
		3.	XX/XX/XXXX	XX/XX/XXXX
		4.	XX/XX/XXXX	XX/XX/XXXX
5.		1.	XX/XX/XXXX	XX/XX/XXXX
		2.	XX/XX/XXXX	XX/XX/XXXX
		3.	XX/XX/XXXX	XX/XX/XXXX
		4.	XX/XX/XXXX	XX/XX/XXXX

Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Ferris ISD has Professional Learning Communities established at all campuses, including Ferris High School and Ferris Junior High. PLCs have been trained to monitor goals and objectives, analyze data, and create plans that address changes. Each PLC is led by a member of the campus leadership team (CLT), who meet regularly with the campus administrative team to disaggregate data and ensure that the mission and goals of the campus are being met. In addition, the District Leadership Team meets monthly with all campus principals to review needs and make sure all programs are meeting student needs. When any given goal or objective is not met or is in jeopardy of not being met, the district and campus leadership teams collaborate and utilize data to determine what strategic adjustments are needed. In addition, the District Technology Committee, which is comprised of students, teachers, administrators and members of the community, evaluates current programs, researches new technology, and makes suggestions for future goals. All changes in strategy or goals are communicated from the district leadership team to campus principals, who then share the information with campus staff responsible for carrying out the adjusted objectives.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

There are currently no ongoing, existing efforts that are similar or related to the planned project. This will be new ground for Ferris ISD, thus coordination of efforts with existing projects to maximize grant funds will not be necessary. All staff involved with the implementation and management of the grant will coordinate together to ensure the grant funds are spent judiciously. Commitment to the success of the planned project will be sustained through ongoing collaboration and cross-departmental oversight.

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Schedule #15—Project Evaluation

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Monitoring of student use of wifi internet access on district buses via content filter usage reports	1.	Number of students connected to access points on buses
		2.	Length of session per device
		3.	Content being accessed
2.	Monitoring completion of classroom assignments	1.	Reduced number of incomplete or missing assignments per quarter as compared with previous school year
		2.	
		3.	
3.	Student survey of wifi internet usage and efficacy	1.	Number of students who indicate usage during the year
		2.	Percentage of users who were able to successfully complete at least one assignment as a result of the program
		3.	

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Technology Director will run content filter usage reports to determine the number of students served and content being accessed. Any interruption or degradation of data services or connectivity will be apparent in these reports, at which time the Technology Director will assess the reason for the interruption and take necessary action to remediate the problem. Additionally, the Assistant Superintendent will run teacher gradebook reports from 2017-18 and 2018-19 to provide comparative data regarding students' completion of assignments.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Ferris ISD does not have existing equipment that serves the purpose outlined in this grant application, and therefore no such equipment is currently available to students. Each student enrolled in Ferris HS and Ferris JH currently have district-owned Chromebooks issued to them at the beginning of each school year. Current local funding and IMA funds have been allocated for other resources, including digital instructional materials, and the district will not be able to implement this project without grant funding.

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Schedule #17—Responses to TEA Program Requirements	
County-district number or vendor ID: 070-905	Amendment # (for amendments only):
TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.	
<p>The technology lending program described herein aligns with the district's mission and goals by increasing student access to digital resources and instructional materials outside the classroom, thereby increasing completion rates for assignments, research, etc., leading to increased student learning and performance on state assessments and college entrance exams.</p>	

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

As described above, our intention is to provide Internet access to students on district buses, in an effort to increase access to digital resources outside the classroom for our students who do not have home Internet access. Ferris ISD's 1:1 initiative was put in place in an effort to extend learning and access to curriculum resources outside the classroom and the school day. This technology lending program will provide increased access to our students while riding district buses through the installation of wireless access points on the majority of our fleet. Access points will be hard-wired into buses for power, and internet access will be provided wirelessly via a cellular data connection. Students will be able to connect to this mobile network using their district-issued Chromebooks, which will allow for increased access to the internet and digital curriculum resources.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Ferris ISD is a Google G Suite for Education school district. Our teachers use Google Classroom to create, post and collaborate on daily assignments. Google Classroom is an excellent way for our teachers to organize course content and present it to the students. We are a 1:1 school district and all of our students in grades 6-12 have a Chromebook assigned to them to take to all of their classes and home daily. Due to the rural location of Ferris ISD and the economic disadvantage of approximately 80% of our students, there are limited options for internet access from which community members and families may choose. There are no broadband providers in town, and those that can provide service are extremely expensive, precluding the majority of our students' families from purchasing these services for home use.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

All of Ferris ISD's recent textbook adoptions are digital. Students must login to access their Math and Science curriculum online. Also, many of our supplemental programs for intervention are web-based, such as Read 180, System 44, USA Test Prep, and Study Island, etc.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The infrastructure will be tailored in such a way as to limit the students' connectivity to only those applications and services that are in support of district curriculum. In this way, access to the Internet will not be degraded by extraneous services and the infrastructure will remain adequate to fulfill the devices' stated purpose. Additionally, the Technology Director has experience in the implementation and continued management of both internal and external network connections and network access; familiarity with the installation of network access devices; and expertise in managing a CIPA-compliant content filter for both on-premises and off-premises purposes.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 070-905

Amendment # (for amendments only):

TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

No check-out or check-in processes are required for this program as district buses will be equipped with hard-wired wifi access points that are accessible to students from Ferris High School and Ferris Junior High via their district-issued devices. The Technology Director will oversee installation of access points on buses, and the Administrative Assistant for Transportation will ensure that equipped buses are utilized for the lengthiest routes and trips. Competing needs are not anticipated because the district has nine buses in addition to those used for daily routes. Buses that are used for daily routes operated for students living along dangerous routes within two miles of school and "spare" buses that are operated on an as-needed basis will not be equipped. Wifi equipment will be included in daily safety and equipment checks for each bus. Any malfunctions or damages will be reported to the Technology Director via help desk ticket, entered by the Administrative Assistant. The Technology Director will then make any needed repairs or adjustment.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Upon purchase and receipt of the wireless access devices needed for this project, they devices will be tagged with Ferris ISD inventory control tags and added to the district's inventory list. The district's appraisal company will include these items with the annual inventory accounting, and the devices will be covered under the district's property insurance.

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